



AMENDMENT TO CLAIMS

1. (Canceled)
2. (Canceled)
- 5 3. (Currently amended) A cap device comprising:
a cap body, said cap body formed to twistably attach to an externally threaded mouth of a
bottle, said bottle having a neck with a tapered inner surface;
a funnel part integrated with said cap body, said funnel part having an opening at a lower
end thereof;
10 a cap cover assembled with the cap body to define a cavity for containing an additive in
said cavity;
a valve member for closing and opening said opening at said lower end of said funnel part,
said valve member having a valve part at a center thereof and a shank extending upward from said
valve part, said shank extending into said cap body through said opening at said lower end of said
15 funnel part;
wherein said valve member is removeably seated within the neck of the bottle and sealing
said opening of said lower end of said funnel part when said cap body is completely twisted onto
the bottle;
20 wherein said valve member is disengaged from within the neck of the bottle and not
sealing said opening of said lower end of said funnel part when said cap body is twisted off the
bottle;
—The cap device as described in claim 2 wherein said valve member has a plurality of
radial ribs extending outward from an external surface of the valve part while defining a plurality
of additive discharging holes between the radial ribs;
25 said valve member also having a ring to surround outside ends of the radial ribs; and,

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said ring having an outer surface which is tapered to correspond to the tapered inner
surface of the neck of the bottle.

4. (Currently amended) The cap device as described in ~~claim 1~~ claim 3 further
5 comprising a vent hole formed at a predetermined position of an upper end of the funnel part of the
cap body.

5. (original) The cap device as described in claim 4 further comprising a vent tube
extending from said cavity and into said vent hole.

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6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

15 10. (Canceled)

11. (Canceled)

12. (Currently amended) A bottle comprising:

an opening;

a neck;

20 an externally threaded mouth;

a cap device formed to close said opening, said cap device further formed to store an
additive therein and release the additive into said bottle as said cap device is being removed from
said bottle;

said cap device further comprising:

25 a cap body twistably attaching to said externally threaded mouth of said bottle;

a funnel part integrated with said cap body, said funnel part having an opening at a lower end thereof;

a cap cover assembled with the cap body to define a cavity for containing an additive in said cavity;

5 a valve member for closing and opening said opening at said lower end of said funnel part, said valve member having a valve part at a center thereof and a shank extending upward from said valve part, said shank extending into said cap body through said opening at said lower end of said funnel part;

10 wherein said valve member is removeably seated within said neck of said bottle and sealing said opening of said lower end of said funnel part when said cap body is completely twisted onto said bottle; and,

wherein said valve member is disengaged from within said neck of said bottle and not sealing said opening of said lower end of said funnel part when said cap body is twisted off said bottle;

15 The bottle as described in claim 11 wherein said valve member has a plurality of radial ribs extending outward from an external surface of the valve part while defining a plurality of additive discharging holes between the radial ribs;

 said valve member also having a ring to surround outside ends of the radial ribs; and,
 said ring having an outer surface which is tapered to correspond to the tapered inner
20 surface of the neck of the bottle.

13. (Currently amended) The bottle as described in claim 10 ~~claim 11~~ ~~claim 12~~ further comprising a vent hole formed at a predetermined position of an upper end of the funnel part of the cap body.

25 14. (Original) The bottle as described in claim 13 further comprising a vent tube

extending from said cavity and into said vent hole.

15. (Canceled)
16. (Canceled)
- 5 17. (Canceled)
18. (Canceled)
19. (Canceled)
20. (Canceled)

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